## IAP7 Rec'd PCT/PTO 05 MAY 2006

PTO-1390 (Rev. 07-2005) Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER
BHC 03 2011
U.S. APPLICATION NO. (If known, see 37 C

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) **CONCERNING A SUBMISSION UNDER 35 U.S.C. 371** PRIGRITY DATE CLAIMED INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PCT/EP2004/012051 26 October 2004 8 November 2003 TITLE OF INVENTION TETRAHYDRO-QUINOLINYLUREA DERIVATIVES APPLICANT(S) FOR DO/EO/US BOUCHON, et al. Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. J An Information Disclosure Statement under 37 CFR 1.97 and 1.98. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. A preliminary amendment. An Application Data Sheet under 37 CFR 1.76. A substitute specification. A power of attorney and/or change of address letter. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. A second copy of the published International Application under 35 U.S.C. 154(d)(4). A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

### IAP20Rec'd PCT/PTO 05 MAY 2006

(PTO-1390 (Rev. 07-2005))

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLIC	ATION NO. (II KNOW	I, see 3/ CFR 1.5,	INTERNATIONAL AF	PLICATION NO.	1	ATTURNET 5 DO	CKET NUMBER
1	0/578	415	PCT/EP2004	4/012051		BHC 03	2011
20. Oth	er items or informat		cate of Mailing under 37 ( ed Return Receipt Postca				
The f	ollowing fees have t	een submitted			CAI	CULATIONS	PTO USE ONLY
_	_			\$300	\$	300.00	
22. 📝 Ex	amination fee (37 C	FR 1.492(c))					
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0  All other situations\$200						200.00	
23. Search fee (37 CFR 1.492(b))  If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0  Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority						400.00	
TOTAL OF 21, 22 and 23 =						\$900.00	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  Total Sheets Extra Sheets Number of each additional 50 or fraction RATE							
			up to a whole number)	j.			
- 100 =	/50 =			x \$250	\$		1
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).					\$		
CLAIMS	NUME	ER FILED	NUMBER EXTRA	RATE	\$		
Total claim	ıs	21 - 20 =	1	x \$ 50	\$	50.00	
Independent cl	aims	6 -3=	3	x \$200	\$	600.00	
MULTIPLE DE	PENDENT CLAIM(S	6) (if applicable)		+ \$360	\$		
TOTAL OF ABOVE CALCULATIONS =						1,550.00	
Applicant of	claims small entity st	atus. See 37 CF	R 1.27. Fees above are reduc	ed by 1/2.			
_				SUBTOTAL =	\$	1,550.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					\$		· ·
TOTAL NATIONAL FEE =					\$ 1,550.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +					\$		
TOTAL FEES ENCLOSED =						1,550.00	
					Amo refun	unt to be ided:	\$
					Amo	unt to be ged	\$

10/578413

(PTO-1390 (Rev-07-2005))
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

a. A check in the amount of \$	to cover the above fee	Anaca Petiato	05 MAY	2006						
b. Please charge my Deposit Account No. 13-3372 i A duplicate copy of this sheet is enclosed.	n the amount of \$ <u>1,5</u>	50.00 to cover the above fees	S.							
The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>13-3372</u> . A duplicate copy of this sheet is enclosed.										
Fees are to be charged to a credit card. <b>WARNING</b> : Information on this form may become public. <b>Credit card information should not be included on this form</b> . Provide credit card information and authorization on PTO-2038.										
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.										
SEND ALL CORRESPONDENCE TO: Customer No. 3  Jeffrey M. Greenman Vice President Patents and Licensing Bayer Pharmaceuticals Corporaton 400 Morgan Lane West Haven, CT 06516	5969  	SIGNATURE Susan M. Pellegrino NAME 48,972 REGISTRATION NUMBER	ellegun	)						

Date of Deposit: 05 May 2006

Express Mail Label Number: EQ 409313979 US

#### Attorney's Docket No. BHC 03 2011

PATENT

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: BOUCHON, et al.

Serial No.: [to be assigned] National Stage Filing of PCT/EP2004/012051

Filed: herewith

For: TETRAHYDRO-QUINOLINYLUREA DERIVATIVES

MAIL STOP PCT COMMISSIONER FOR PATENTS P.O. BOX 1450 ALEXANDRIA, VA 22313-1450

> 05 May 2006 Date

#### **CERTIFICATE OF MAILING UNDER 37 CFR 1.10**

I hereby certify that the attached correspondence comprising: Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing under 35 U.S.C. 371 [IN DUPLICATE];  $\square$ Application Data Sheet under 37 C.F.R. 1.76;  $\square$ Preliminary Amendment; Oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)); English Translation of the Application (35 U.S.C. 371(c)(2)); Ø Copy of the International Application as filed (35 U.S.C. 371(c)(2)); Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98 consisting of: 1) Transmittal of Information Disclosure Statement under 37 C.F.R. 1.97(b)(2) 2) Form(s) PTO/SB/08A-B [substitute for form 1449/PTO] (37 C.F.R. 1.98(a)(b)) 3) Copies of Cited References (37 C.F.R. 1.98(d)) Other: Itemized Return Receipt Post Card. is, on the date shown below, being deposited with the United States Postal Service, in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EQ 409313979 US addressed to: Mail Stop PCT Commissioner for Patents P.O. Box 1450

Alexandria, VA 22313-1450

Man M. Jelleguwo Signature of Person Certifying / Susan M. Pellegrino